

# REASON

- **To prepare different types of gunnery and force-on-force exercises you must know how to operate the TDRS setup program.**

# **TRAINING OBJECTIVE**

- **In a classroom environment, given a TDRS computer unit and TM 9-6920-711-12&P-1, you will perform the following:**
  - **Operate setup program controls and indicators.**
  - **Set up a panel gunnery exercise.**
  - **Set up a force-on-force exercise.**
  - **Set up a scaled gunnery exercise.**
  - **Set up a tracking training exercise.**

# SET UP MAIN MENU

AAR - [PGS M3 TOW2 v3.0]

File Setup Window Help

Setup AARList AARMap

**Card Control**

New Setup    EXCEL log

Read/Modify

Prog card

**Main weapon**

	Turret	Hull
AP	70	240
HE	230	960

Loadtime [s]    0    60

**Exercise type**

Panel Gunnery

Combat

**Application**

PGS M3 TOW2 v3.0

Configuration number    114

Training area

Ft Hood DST

**Coax weapon**

	Turret	Hull
7.62	800	3750

Loadtime [s]    0    60

**Tracer**

Tracer on

Burst on

Obscuration    1 [s]

**Validity**

Card total reload

First insert only

New ammo

First insert only

**Organization**

Commander

Gunner

Unit

Event

ID    1     ID auto inc.

**Missile weapon**

	Turret	Hull
TOW no 1	1	5
TOW no 2	1	5

Loadtime [s]    0    60

**Presentation**

Audio

Fire result on CP

**Firing**

Full scale

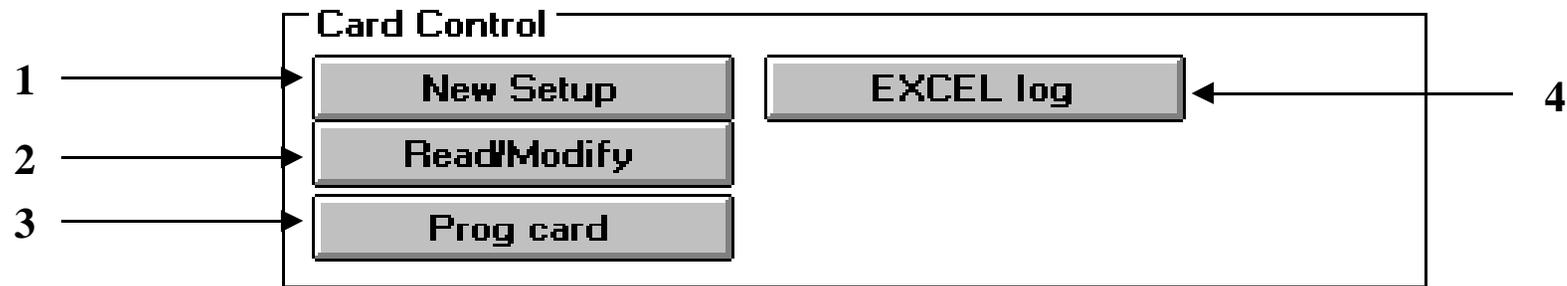
Scaled gunnery

Tracking

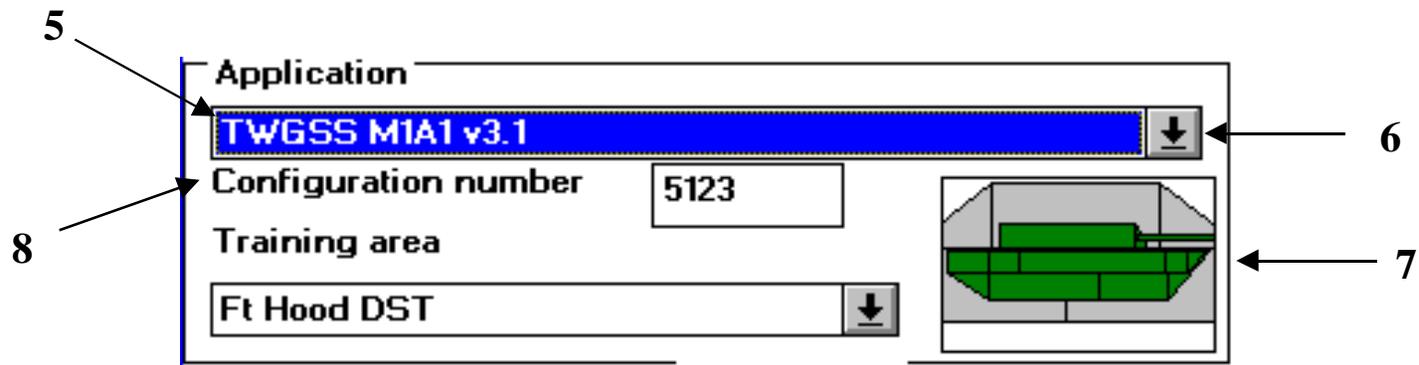
Ammo dispersion

Setup

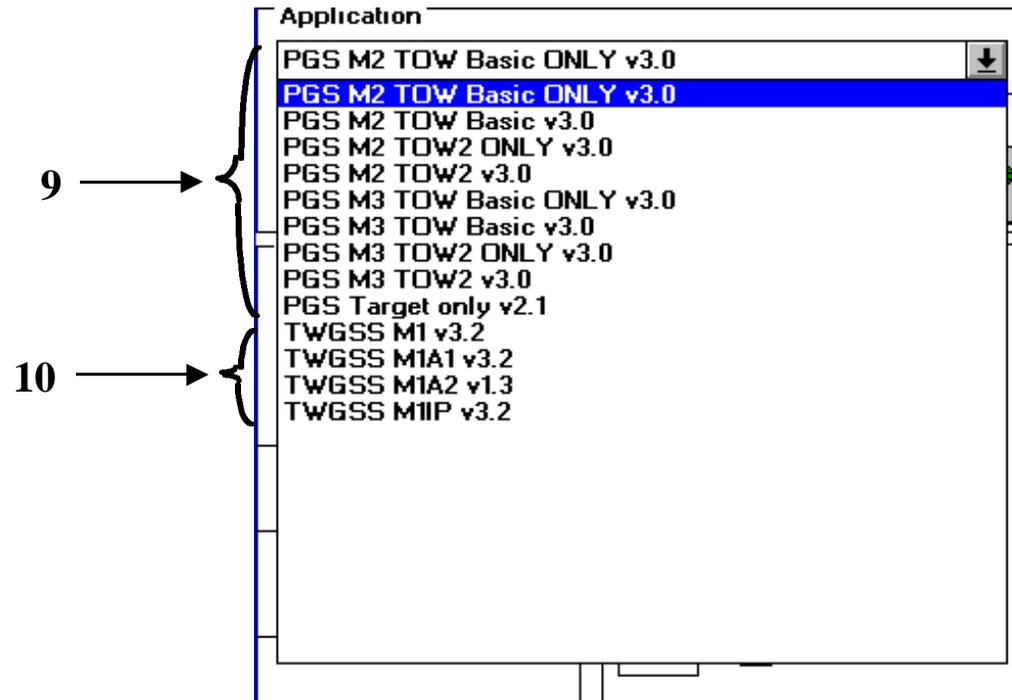
# CARD CONTROL COMMAND BUTTONS



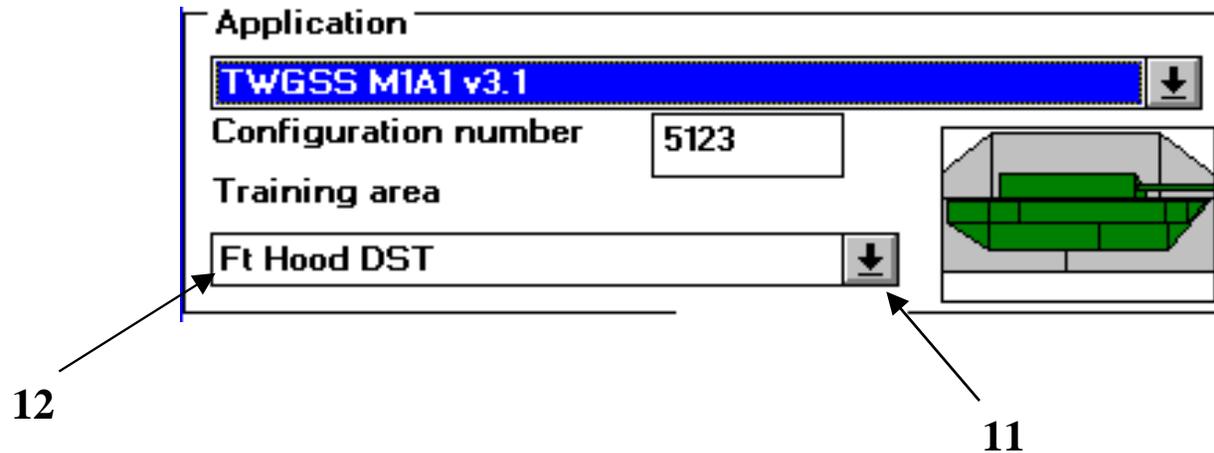
# APPLICATION DROP DOWN LIST BOX



# APPLICATION DROP DOWN LIST BOX



# TRAINING AREA DROP DOWN LIST BOX



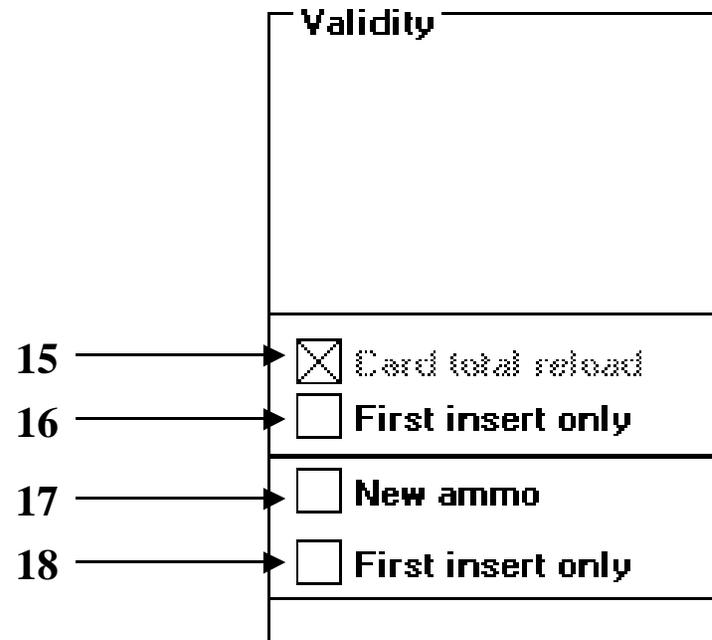
# TRAINING AREA/TIME SELECTION



**SCT = standard clock time**

**DST = daylight savings time**

# CARD VALIDITY CHECKBOX



# ORGANIZATION TEXT BOX

The diagram shows a rectangular box titled "Organization" containing several input fields and a checkbox. Callout 19 points to the "Commander", "Gunner", "Unit", and "Event" fields. Callout 20 points to the "ID auto inc." checkbox. Callout 21 points to the "ID" field.

**Organization**

**Commander**

**Gunner**

**Unit**

**Event**

**ID**  ID auto inc.

1

# ORGANIZATION TEXT NAMES MENU

Organization text names

Label organization text 1  
Commander

Label organization text 2  
Gunner

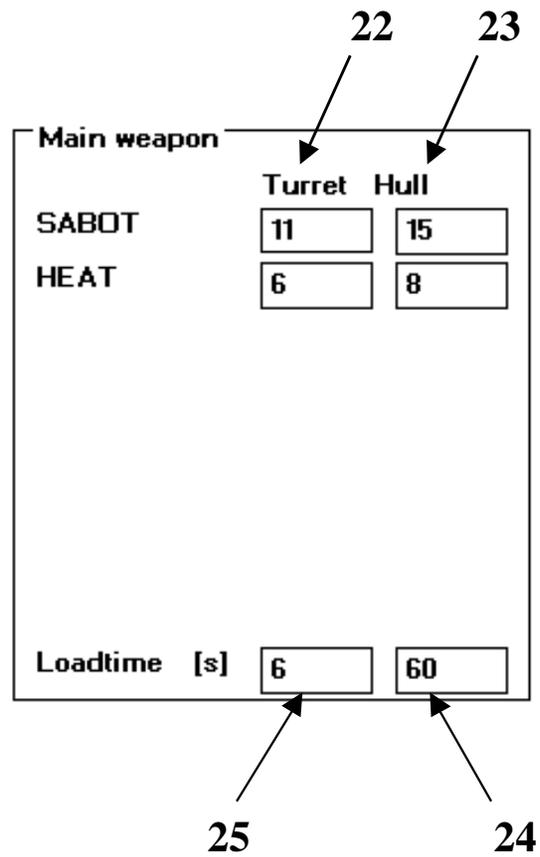
Label organization text 3  
Unit

Label organization text 4  
Event

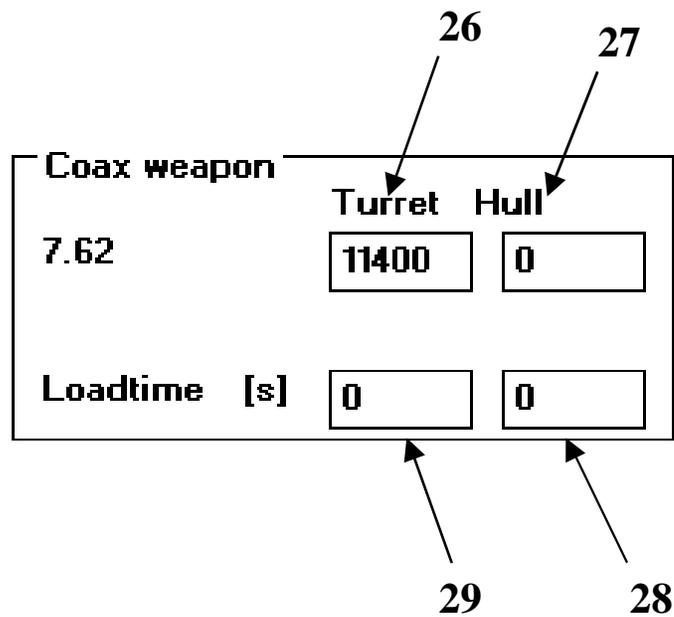
OK

Cancel

# MAIN WEAPON TEXT BOX



# COAX WEAPON TEXT BOX

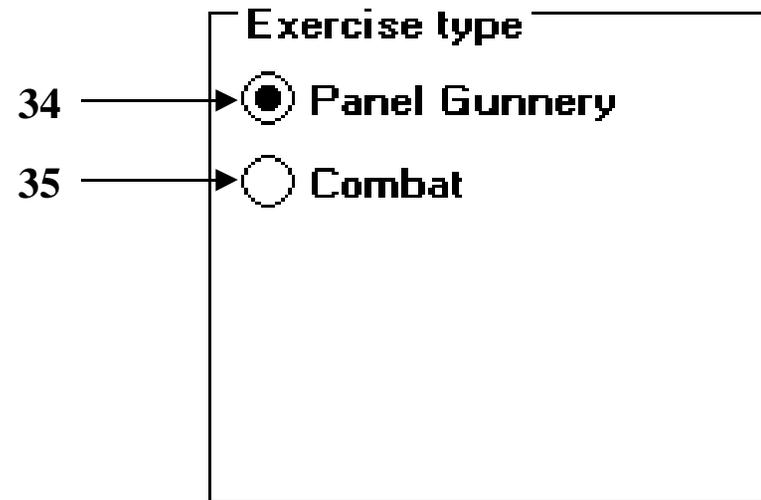


# MISSILE WEAPON TEXT BOX

Missile weapon	Turret	Hull
TOW no 1	1	3
TOW no 2	1	2
Loadtime [s]	0	60

Diagram annotations: Arrows point from labels 30, 31, 32, and 33 to the Turret and Hull columns and the Loadtime row.

# EXERCISE OPTION BUTTONS



# TRACER EFFECT CHECK BOX

The diagram shows a rectangular control panel titled "Tracer". Inside the panel, there are two checked checkboxes: "Tracer on" and "Burst on". Below these is a label "Obscuration time" followed by a small rectangular input field containing the number "1". Three callout lines with arrows point to specific elements: callout 36 points to the "Tracer on" checkbox, callout 38 points to the "Burst on" checkbox, and callout 37 points to the "Obscuration time" input field.

36

Tracer

Tracer on

Burst on

Obscuration time

38

37

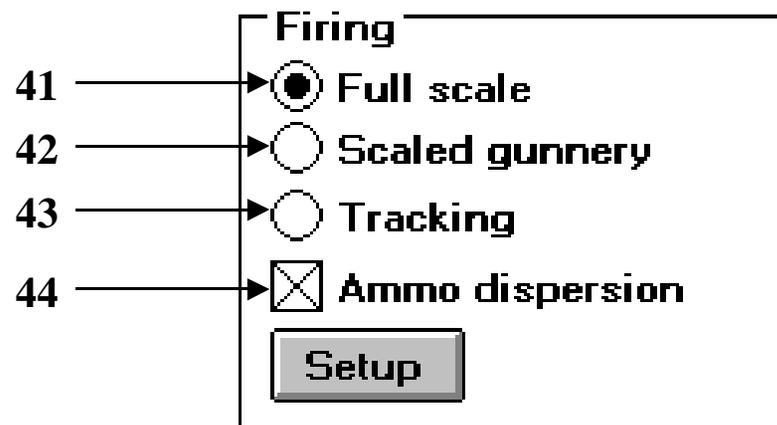
# PRESENTATION CHECK BOX



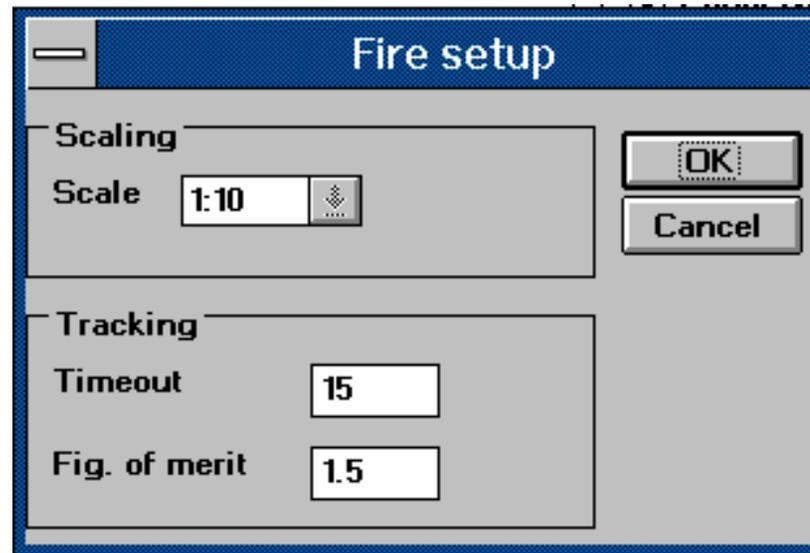
## Note.

**Audio includes only the NEAR MISS indication.**

# FIRING MODE OPTION BUTTONS



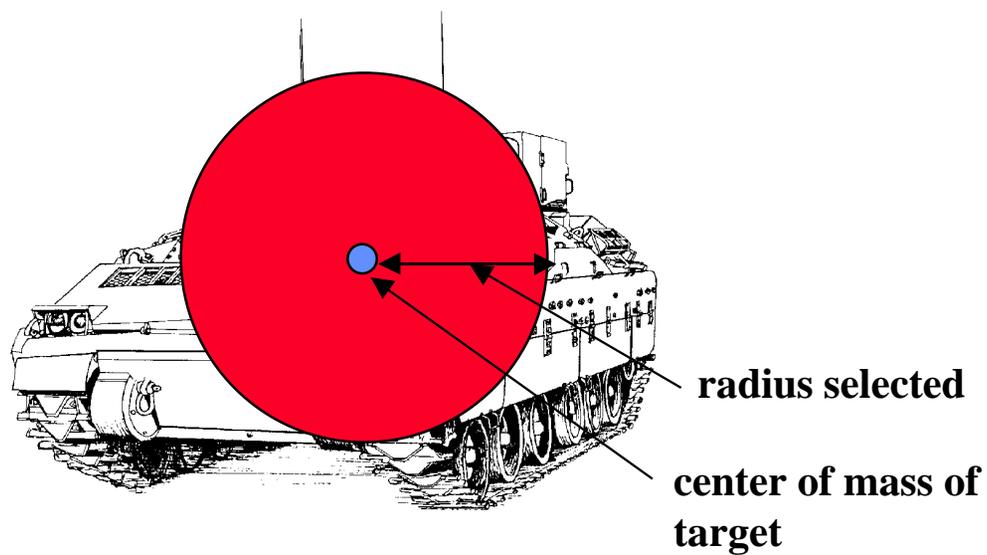
# TRACKING TRAINING DIALOG BOX



**Tracking time: 3 - 120 seconds**

**Figure of merit radius: 0 -5 mils**

# FIGURE OF MERIT



# AMMUNITION DISPERSION PARAMETERS

**These dispersions are added when DISPERSION checkbox is checked:**

- **Coax: 1.0 mil ammunition dispersion added**
- **25 mm: 0.5 mil ammunition dispersion added**
- **105/120 mm: 0.3 mil ammunition dispersion added**
- **TOW: No dispersion added**

# **SUMMARY**

- **Setup program controls and indicators**
- **Panel gunnery exercise setup**
- **Force-on-force exercise setup**
- **Scaled gunnery exercise setup**
- **Tracking training exercise setup**

## **CLOSING STATEMENT**

- **This block of instruction has taught you how to properly prepare TDRS memory cards for the different types of training exercises.**